

# Mint of the United States.

Philadelphia, 11<sup>th</sup> Oct 1879

Wm A. London Snowden

Dear Sir

At your request I submit the following report on the bullion received from the U.S. Mint Denver.

Formerly the bullion was received tough and good now part of it is brittle and bad.

The brittleness is caused by volatile substances contained in the bullion and produces loss to the government. The volatile substances are easily removed and without much loss of gold when the bullion is in its natural state, but when melted into bars very difficult to remove. This was the experience of this Mint in 1863 and 1864 when the government suffered great losses on account of volatilization.

The Denver Mint should I think be required to toughen all their bullion when first received.

The Denver Mint brittle bars received



here last month, after being delivered to the  
Melter & Refiner, were carefully reweighed. The  
Standard weight estimated, and then taken  
to the deposit melting room and toughened  
with the following results

Weight before toughening ozs 2366.45

" after " " 2342.30

Loss in " " 24.15

Standard Weight

Before toughening ozs, 2394.71

after " " 2391.75

Loss of gold in " " 2.96

Submitted

Very Respectfully

G. S. Cochran

Weigh Clerk



812 1/2

Mint of the United States,  
PHILADELPHIA.

Oct 11, 1879

~~A. LUDON SNOWDEN,~~

~~Superintendent~~

H. S. Cochran

~~Subject~~ Weigh Clerk

Repts the brittle  
& bad quality of the  
gold bullion received  
from the Denver mint.  
& the loss after tough  
- mining here.

No. of Enclosures, \_\_\_\_\_

Rec<sup>d</sup> Oct. 11<sup>th</sup> 1879.

[Abstract:] Reports the brittle & bad quality of the gold bullion received... 812 ½

Mint of the United States,  
Philadelphia,  
October 11, 1879

Hon. A. Loudon Snowden

Dear Sir

At your request submit the following report on the bullion received from the U.S. Mint Denver.

Formerly the bullion was received tough and good now part of it is brittle and bad. The brittleness is caused by volatile substances contained in the bullion and produces loss to the government. The volatile substances are easily removed and without much loss of gold when the bullion is in its natural state, but when melted into bars very difficult to remove. This was the experience of this Mint in 1863 and 1864 when the government suffered great losses on account of volatilization. The Denver Mint should I think be required to toughen all their bullion when first received. The Denver Mint brittle bars received here last month after being delivered to the Melter & Refiner were carefully reweighted, the Standard weight estimated and then taken to the deposit melting room and toughened with the following results.

Weight before toughening ozs.	2366.45
“ after “ “	<u>2342.30</u>
Loss in “ “	24.15

Standard Weight	
Before toughening ozs.	2394.41
After “ “	<u>2391.75</u>
Loss of gold in “ “	2.96

Submitted  
Very Respectfully  
H.S. Cochran  
Weight Clerk